

ABSTRACT OF THE DISCLOSURE

There are disclosed a synchronous rectifying type
of DC-DC converter, a DC-DC converter control circuit
constituting such a type of DC-DC converter, a monitor
circuit for monitoring an operation of a DC-DC converter,
and an electronic equipment having a DC-DC converter,
considering a conduction current. A DC-DC converter has a
main switch and a synchronous rectifying switch, in which
said main switch and said synchronous rectifying switch are
alternately turned on so that a voltage of a DC electric
power is transformed and outputted. A state that said main
switch and said synchronous rectifying switch are
simultaneously turned on is detected.